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Printers	
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Diskette Protecting Insertion	
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Modem Connection	
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MM Module Location	
MM Module Removal	
Frame Buffer Installation	

Base Unit Cover
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Installation Manual
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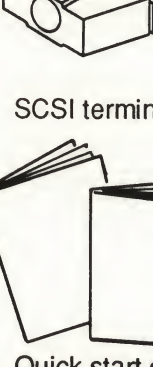
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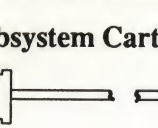
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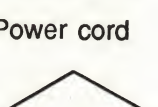
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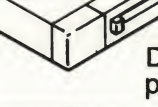
SCSI termination



Quick start guide and Installation manual



Subsystem Cart



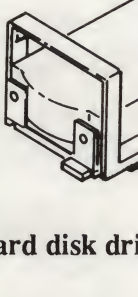
Power cord



Power supply

of the items shown in the upgrade kits. The upgrades are designed so that the components can be installed without the anti-static precautions required when installing them only.

Upgrade Kits include the following modules; refer to the instructions for each drive. A maximum of two drives can be installed in your system. After the necessary installation, the system will be ready to use as if they were new. Return to the next section.

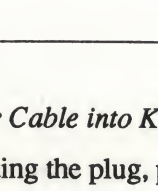


Hard disk drive

System Upgrade Components

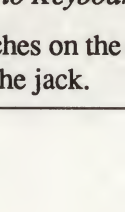
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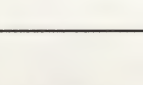
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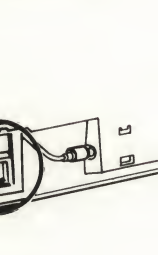
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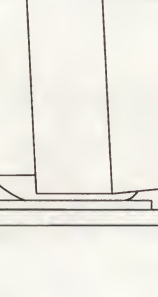
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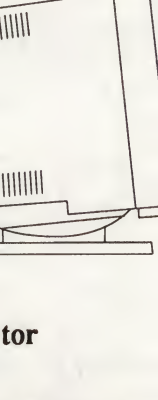
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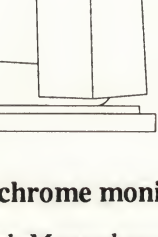
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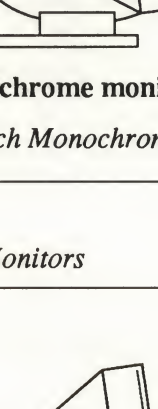
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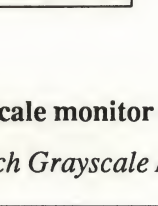
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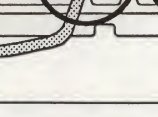
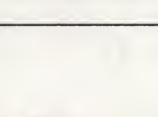


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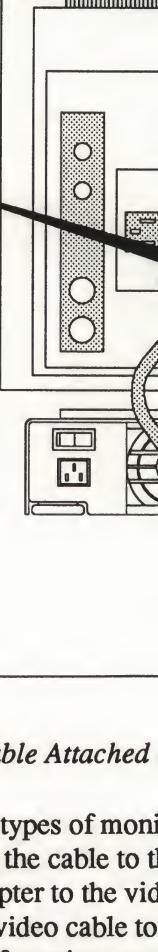
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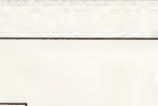


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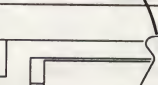
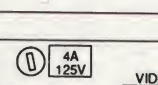
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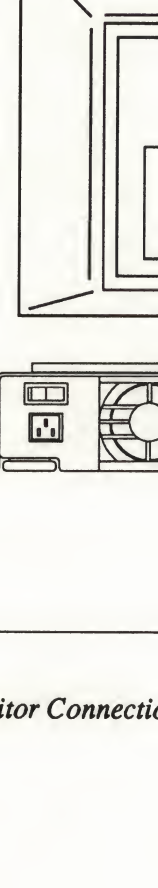
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Monitor Connection

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Monitor Connector

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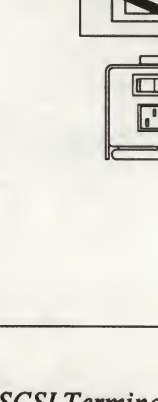
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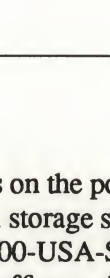
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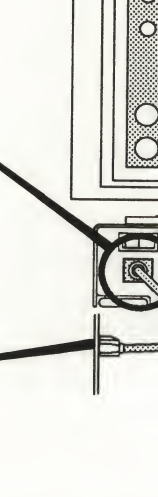
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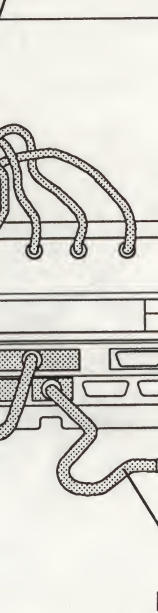
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is on, you should want shutting down and turning off for powering (S).

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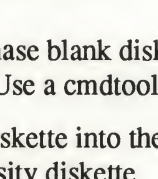
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You can also write-enable the diskette if the diskette is in the tab back.

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Backing Up Diskettes

only relevant if you are working with a tape drive. You should have a copy of your data on tape.

ware from tape to disk. You can also back up files onto tape.

backup copy of your data on a cartridge tape.

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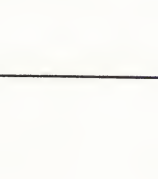
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odems

Printer

describes how to connect several devices to an IBM PC or compatible 386/486 system. If your system is operational and you have a printer, you can use it to print documents.

If you have a printer or modem attached to the system, the system will recognize it. If it is not, you will be prompted to describe it. Whether or not you have a printer, ask your dealer if the printer can be connected to the system.

A printer is a device that reproduces text, numerical data, and graphics on paper. With the following information, you can connect a compatible printer to an IBM AT or PC XT or compatible system, including the printer's operation.

Most printers consist of a screen that displays text and enter information on to your monitor. A window on the screen displays the VT-100-compatible printer's operation.

device that enables a computer to communicate over a telephone line. There are two types of modems: internal and external.

Internal modems are installed inside the computer. Each section of the manual describes the installation and operation of a specific peripheral device. For more information, see the section on internal modems. Each section of the manual describes the installation and operation of a specific peripheral device. For more information, see the section on internal modems.

External modems are installed outside the computer. Each section of the manual describes the installation and operation of a specific peripheral device. For more information, see the section on external modems.

Modem cables are used to connect the modem to the telephone line. Each section of the manual describes the installation and operation of a specific peripheral device. For more information, see the section on modem cables.

Modem software is used to control the modem. Each section of the manual describes the installation and operation of a specific peripheral device. For more information, see the section on modem software.

Modem troubleshooting is used to diagnose and solve problems with the modem. Each section of the manual describes the installation and operation of a specific peripheral device. For more information, see the section on modem troubleshooting.

Modem specifications are used to determine the capabilities of the modem. Each section of the manual describes the installation and operation of a specific peripheral device. For more information, see the section on modem specifications.

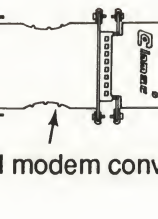
Modem compatibility is used to determine if the modem is compatible with the computer. Each section of the manual describes the installation and operation of a specific peripheral device. For more information, see the section on modem compatibility.

Modem warranty is used to determine the warranty for the modem. Each section of the manual describes the installation and operation of a specific peripheral device. For more information, see the section on modem warranty.

are a type of serial cable used for connecting a computer to a modem. For the modem to be connected to the computer, the correct cable must be used. See Figure 649-1. If you are using a serial cable, you must configure the computer to use a serial cable.

Serial cables are also available for connecting a computer to a modem. In the computer's *Control Devices* folder, select *Serial Devices* for the modem. Use a null modem cable to connect the Sun-3/80 to the modem. The Sun-3/80 depends upon the device to which it is connected. A null modem cable is used to connect the Sun-3/80 to a null modem. See Figure 4-1. Be sure that the pins are connected correctly.

Cables for Serial Connections



Null modem conversion

Converter and Modem

For a printer, or a modem, this cable is a serial cable. Part number 3300 changes the mode of operation of the computer. The computer is not compatible with the printer at both ends. See the preceding figure for the correct connection.

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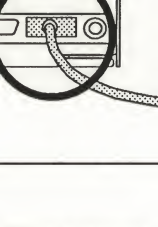
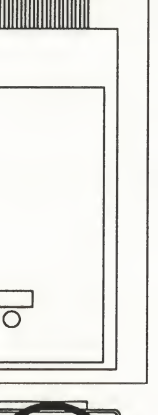
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Administration Man



Connection

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The Sun-3/80
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Also works with
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chassis cover

Upgrade Kits.

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Position

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Upgrade Kits.



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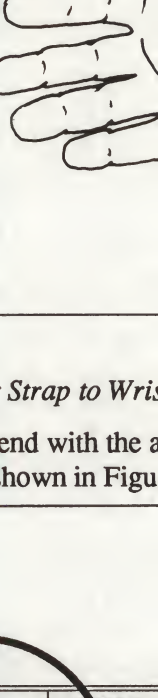
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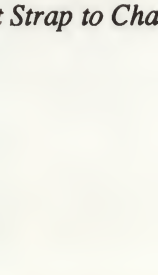
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Strap to Wrist

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Strap to Cha

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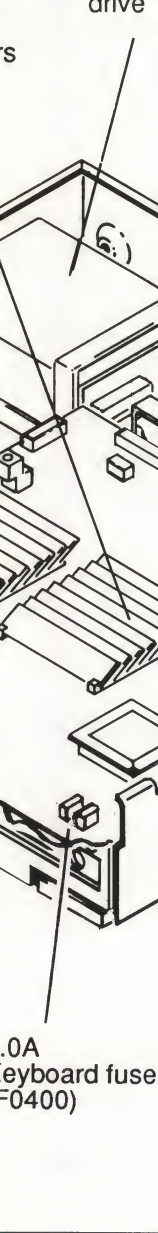


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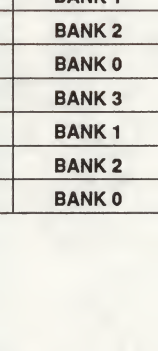
identifies the location of the connector, the illustration also shows the power supply



Assembly Location

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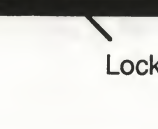
	BANK 3
	BANK 1
	BANK 2
	BANK 0
	BANK 3
	BANK 1
	BANK 2
	BANK 0



ayout

SIMMs are in (0). Add each as follows: U0701, U0702, U0804, U0805, U0901, U0902, and the memory module. Identify the anti-static mat, the wrist strap, and the anti-static environment. Place the modules on the mat. Insert the module at its angle. Insert the modules in the memory module. The modules rest loosely. Place thumbs on opposite sides to place and lock.

Press in

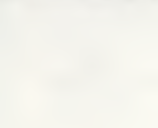
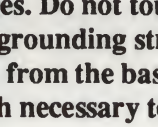
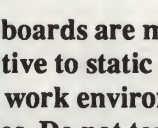
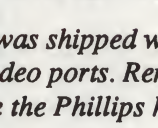
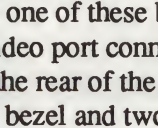
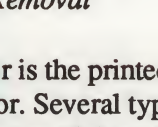
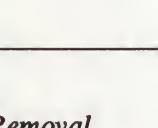
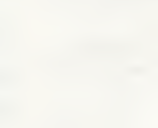
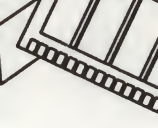
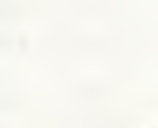


Insertion

You can remove the modules with diagnostics. The defective modules are the defective

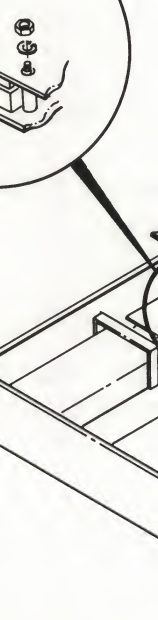
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RAM extraction



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Installation

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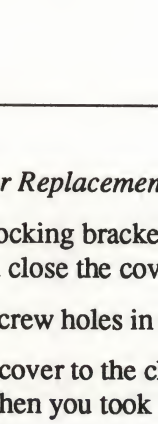
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shown in Figure



or Replacement

locking bracket
close the cover

screw holes in

cover to the c

then you took



explains the requirements for peripheral devices that you do not have. See *Printer Cables* for more information on building a cable yourself. Both the Sun-3/160 and Sun-3/260 require you to build a cable other than the standard RS-232C cable. Modifying your cable requires some knowledge of data communications protocols—specifically, RS-232C and null modem protocols. For more information on building a cable from scratch, see the *RS-232C* manual. In a Sun cable, the pin functions are as follows:

The Sun-3/160 is designed to be used as a DTE (Data Terminal Equipment), which means it sends and receives information. The Sun-3/260 is designed to be used as a DCE (Data Communications Equipment), which means it receives information and sends it to the Sun-3/160.

The Sun-3/160 is designed to be used as a DTE (Data Terminal Equipment), which means it sends and receives information. The Sun-3/260 is designed to be used as a DCE (Data Communications Equipment), which means it receives information and sends it to the Sun-3/160.

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Sun - 3/80

**DB-25
Connector**

Cable Pinout

modem cable
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Sun - 3/80

**DB-25
Connector**

Cable Pinout fo

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Sun - 3/80

DB-25
Connector

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[illegible]

input

output

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input

Solution

Power-Up

describes the power-up sequence. The sequence of events before you start the test is running. If the system

Completed 8

Workstation
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Rev _____,
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monitor screen

ur system. See

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after each entry

☐ ☐ a to access

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019:nnn? 73

ex code:

01A:nnn? 64

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01B:nnn? .

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ex code:

19:nnn? 18

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01B:nnn? .

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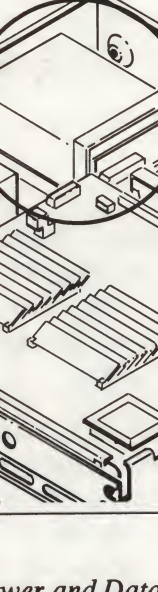
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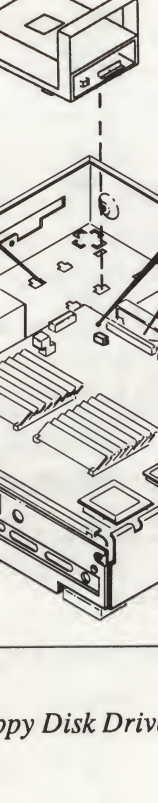
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Power and Data



Floppy Disk Drive

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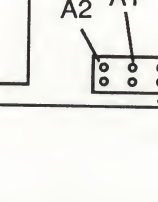
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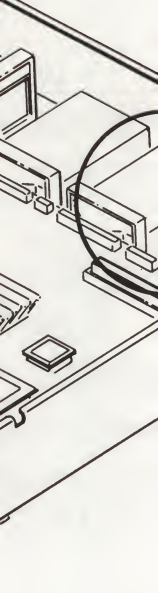
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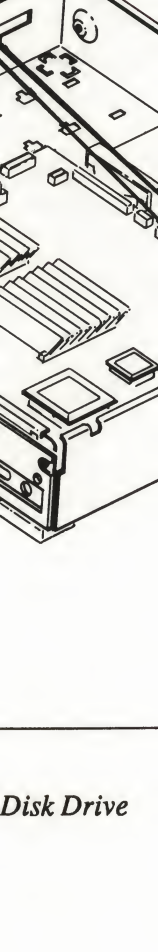
Power and Data

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Disk Drive

Local Storage

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SCSI address

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Table Lengths

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mper	Bo

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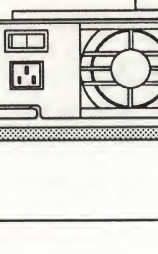
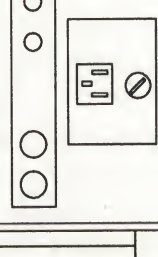
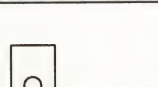
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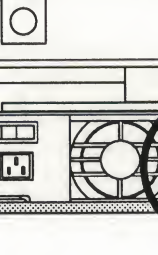
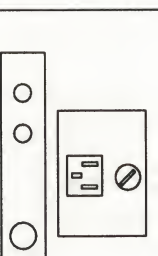
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Module Connector



Pack Connector

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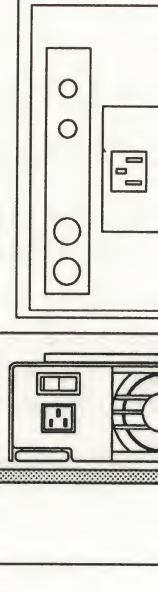
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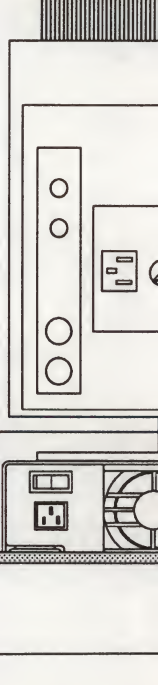
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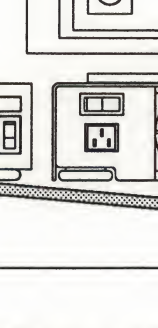
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Procedure



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Installation Manual
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HOSTNAME SCREEN

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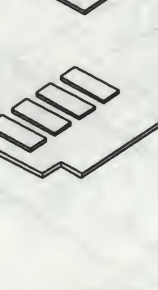
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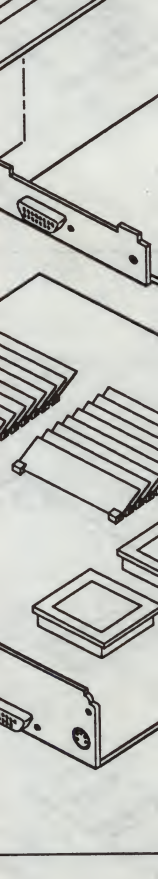


n



buffer installation
sure the Jump
kit into the CPU
ff on the CPU

Installation



nel on the Fra
the *Sun-3/80 I*



